

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 03/00624

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C23C 8/06, C23C 16/00 // C23F 11/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C23C, C23F, C10B, C10C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4623400 A (JOSEPH E. JAPKA ET AL), 18 November 1986 (18.11.86), column 3, line 4 - line 39, figure 1, claim 1 --	8-11
X	WO 0047797 A1 (UNIVERSITY OF STRATHCLYDE), 17 August 2000 (17.08.00), page 2, line 15 - line 22; page 3, line 33 - page 5, line 6, figure 1 --	8-11
X	US 5186120 A (HIROSHI OHNISHI ET AL), 16 February 1993 (16.02.93), column 3, line 13 - column 4, line 65, figure 1 --	8-11

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 17 December 2003	Date of mailing of the international search report 22 -12- 2003
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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SE 145039 A (GILLETTE SAFETY RAZOR CO.), 27 April 1954 (27.04.54), page 1 - page 2, figure 1	8-11
A	--	1-7
X	US 4810510 A (GORDON LEVER ET AL), 7 March 1989 (07.03.89), column 1, line 28 - column 2, line 25; column 5, line 30 - column 6, line 28, figure 10, claim 2	12-15
X	US 3106473 A (C.M. HOLLENBECK), 8 October 1963 (08.10.63), column 1, line 20 - line 54; column 3, line 73 - line 74	12-15
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

31/10/03

International application No.

PCT/FI 03/00624

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
US	4623400	A	18/11/86	CA	1272077 A	31/07/90
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				JP	61243178 A	29/10/86
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US	3106473	A	08/10/63	NONE		